

## ES522 – Multimedia Projector

### Portable & User-Friendly

The ES522 from Optoma is a DLP®-based digital projector producing remarkable picture quality and providing user-friendly features. The high brightness and contrast levels on ES522, combined with BrilliantColor™ technology from Texas Instruments, produce easy-to-read text in classrooms and conference rooms. Designed as a filter-free projector with lamp life up to 4000 hours, the ES522 requires less maintenance ensuring lower cost of ownership over time.

### Features

- Native SVGA DLP by Texas Instruments with BrilliantColor Technology
- Bright images with easy-to-read text - 2800 ANSI lumens and 3000:1 contrast ratio (full on/full off)
- Ideal presentation remote with laser pointer and page-advance features
- Rapid power-on and shutdown - saving you time and money
- Built-in closed captioning
- Filter-free design means low cost of ownership
- Wide range of connectivity options: VGA-in, s-video, composite video, RCA audio-in, audio-out, RS-232 and USB

### Specifications

#### Display Type

Single 0.55" DMD DLP Technology by Texas Instruments

#### Resolution

Native SVGA (800 x 600)

#### Maximum Resolution

WUXGA (1920 x 1200)

#### Brightness (Typical)

2800 ANSI Lumens

#### Contrast Ratio

3000:1 (Full On/Full Off)

#### Lamp Life and Type

4000/3000 Hours (STD/Bright)  
180W P-VIP

#### Throw Ratio

2.0:1 (Distance/Width)

#### Projection Distance

3.28' to 40.02' (1.0 to 12.2m)

#### Image Size (Diagonal)

25" to 300" (0.65 to 7.62m)

#### Aspect Ratio

4:3 Native, 16:9 and 16:10  
Compatible

#### Remote Control

Fully Featured IR Remote with Laser Pointer and Mouse

#### Audio

2-Watt Mono Speaker,  
Variable Audio-Out

#### Displayable Colors

1.07 Billion

#### Offset

114%

#### Computer Compatibility

WUXGA, HD, WXGA+, UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA, VESA, PC and Macintosh Compatible

#### Video Compatibility

NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)

#### Projection Lens

F = 2.55, f = 22.2mm

#### User Controls

Complete On-Screen Menu  
Adjustments in 22 Languages

#### I/O Connectors

VGA-In, S-Video, Composite Video, Stereo RCA Audio-In, Stereo Audio-Out, RS-232 and Mini-USB

#### Security

Kensington® Lock Port

#### Projection Method

Front, Rear, Ceiling Mount, Table Top

#### Weight

5.5 lbs (2.5kg)

#### Dimensions (W x H x D)

11.0" x 3.2" x 8.1"  
(280 x 80 x 205 mm)

#### Noise Level (STD/Bright)

30dB/32dB

#### Horizontal Scan Rate

15, 30 - 91.4 KHz

#### Vertical Refresh Rate

43 - 87 Hz

#### Keystone Correction

± 30° Vertical

#### Uniformity

80%

#### Operating Temperature

41 to 104°F (5 to 40°C), 85% Max Humidity

#### Power Supply

AC Input 100-240V, 50-60Hz,  
Auto-Switching

#### Power Consumption

230 Watts (Bright), 210 Watts (STD), <1 Watts (Standby)

#### Standard Accessories

AC Power Cord, VGA to VGA Cable, Remote Control, Batteries for Remote, Lens Cap, CD-ROM User's Manual, Quick Start Card and Warranty Card

#### Optional Accessories

Ceiling Mount, VGA to Component Cable, S-Video Cable, Composite Video Cable and Panoview™ Series Screens

#### Warranty

One Year Limited Parts and Labor, 90 Days on Lamp

#### UPC

796435 41 187 9

#### Accessory Part Numbers

Lamp: BL-FP180D  
Remote: BR-5027L  
Case: BK-4023

